

ABSTRACT

In a power supply circuit, a first power-supply voltage supplied to a laser driving circuit for driving a short-wavelength semiconductor laser of an optical pickup is made higher than a second power-supply voltage supplied to circuits except the laser driving circuit, for example, a reproducing system, a servo system and a recording system. Thus, the power consumption in a device for driving a short-wavelength semiconductor laser such as an InGaN-based semiconductor laser is reduced.